

Abstract

- A dynamoelectric device cooling air flow baffle is given a shape that increases its heat transfer and cooling efficiency by providing the baffle with an annular concave surface around its outer perimeter edge that redirects air flow radially inwardly around stator winding end turns while reducing separation of the air flow and
- 5 also directs the cooling air flow around an inner edge of a center hole of the baffle while reducing separation of the air flow and increasing air flow velocity, thereby efficiently cooling the stator assembly of the dynamoelectric device.

09993071-11301